



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Charles T. Esmon and Jun Xu

Serial No.: 09/139,425

Art Unit: 1643

Filed: August 25, 1998

Examiner: W. Sandals

For: *TARGETING OF MOLECULES TO LARGE VESSEL
ENDOTHELIUM USING PCR*

Assistant Commissioner for Patents
Washington, D.C. 20231

#13/C
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12/19/00

AMENDMENT

Sir:

Responsive to the Office Action mailed June 7, 2000, please amend the application as follows. A Petition for an Extension of Time for three months, up to and including December 7, 2000, and the appropriate fee, are enclosed with this response.

In the Claims

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1. (three times amended) A method for selectively delivering molecules to the nucleus of [endothelium] endothelial cells of the large vessels, comprising
administering a conjugate of an agent binding selectively to endothelial protein C receptor (EPCR) and the molecule to be delivered to large vessel endothelial cells, wherein the molecules are delivered to the nucleus of the large vessel endothelial cells [where they are active].
 5. (three times amended) The method of claim 1 wherein the molecule to be delivered is a nucleic acid molecule and the nucleic acid molecule is a gene or cDNA under the control of a promoter expressed in the nucleus of an endothelial cell and the nucleic acid molecule is
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